



W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_






NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng		Sign & Date			



**NOTE:** Date & initial all entries




**Work Order ID 70166**

Monday, May 30, 2011 12:48:34 PM

Page 2

Item ID: D2916-7 Accept  Setup Start   
Revision ID:  
Item Name: Cable Guard, 212 Skidtube Stop   
Start Date: 5/30/2011 Start Qty: 4.00  Cust Item ID:  
Required Date: 6/8/2011 Req'd Qty: 4.00  Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start   
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130  QC Quality Control	QC2- Inspect parts off machine FAI/FAIB  Memo	0.00 0.00	B.A	N/06/15		4	0		
140  QC Quality Control	QC8- Inspect parts - second check  Memo	0.00 0.00	JL	11/06/16		(H)			
150  Packaging Packaging	Identify as per dwg & Stock Location: 207  Memo	0.00 0.00				11/06/16	SP	(4)	

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Monday, May 30, 2011 12:48:34 PM



Page 3

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start   
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160  QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	Memo	0.00							

MF  
11-06-16

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**NOTE:** Date & initial all entries

# Picklist Print

Monday, May 30, 2011 12:48:40 PM

Page 1

Work Order ID: 70166

Parent Item: D2916-7

Parent Item Name: Cable Guard, 212 Skidtube

Start Date: 5/30/2011

Required Date: 6/8/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 06-06-19 JLM  
IPP Rev:B Now water jet 06-07-14 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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MUHMWB10		Purchased	No			100	sf	381.6000	0.26	1.094737			
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B11-6-9

UHMW 1" Black

Location

Loc Qty

Loc Code

MAT018

381.6

116554

2

117321

76.6

117738

63

117819

240

117738

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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

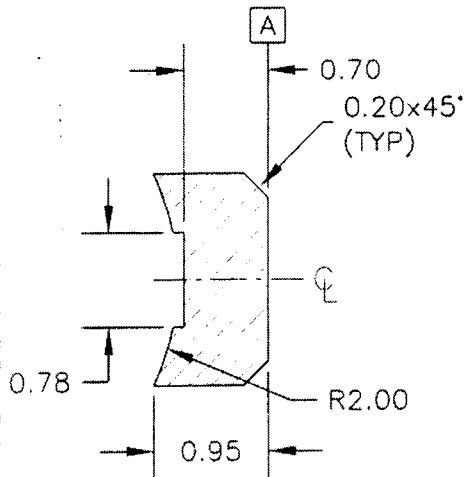
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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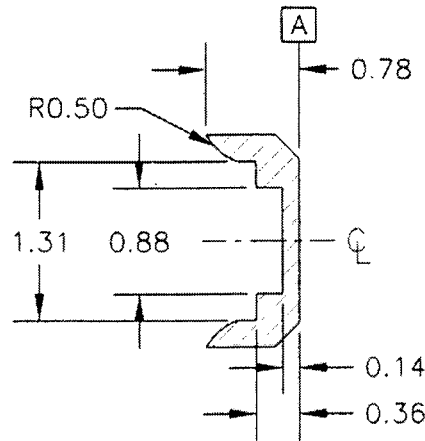
**NOTE:** Date & initial all entries



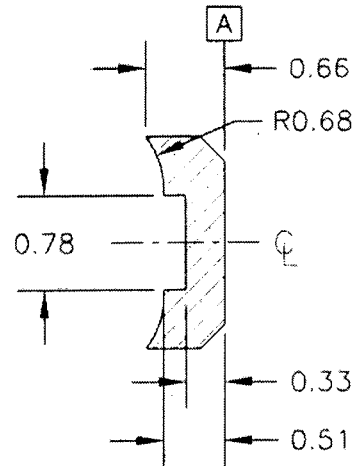
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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2916	REV. B SHEET 1 OF 2
DATE 00.02.24		TITLE CABLE GUARD	SCALE 1:6
A	99.09.29	NEW ISSUE	
B	00.02.24	ADD K-K FOR D2521 COMPATIBILITY	



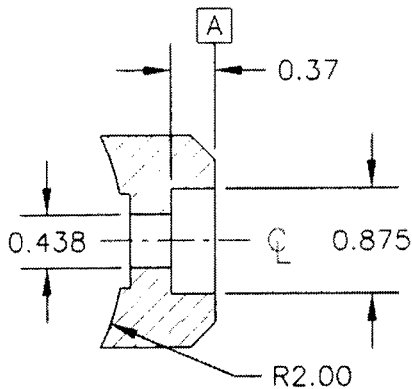
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(SCALE 2:3)



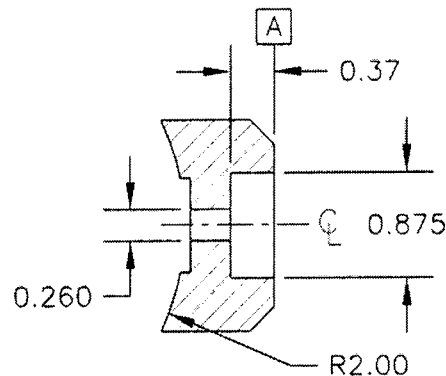
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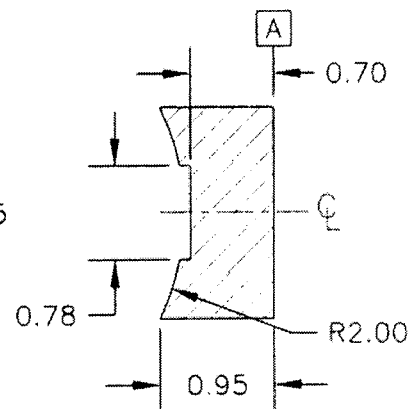
SECTION C-C  
(SCALE 2:3)



SECTION D-D  
(SCALE 2:3)

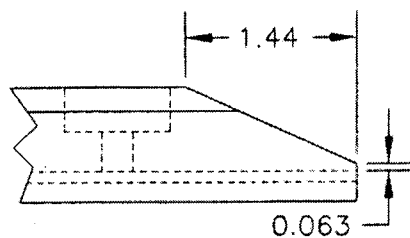


SECTION E-E  
(SCALE 2:3)



SECTION F-F

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. *70166*



DETAIL J  
(SCALE 2:3)

RELEASED  
00.02.25 DS

W/O:		WORK ORDER CHANGES						
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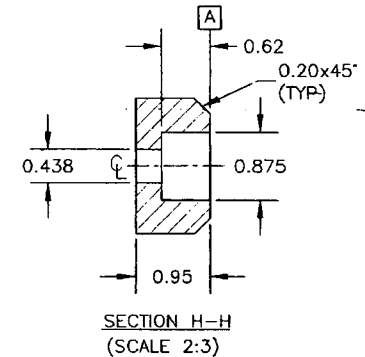
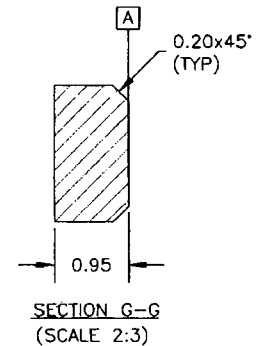
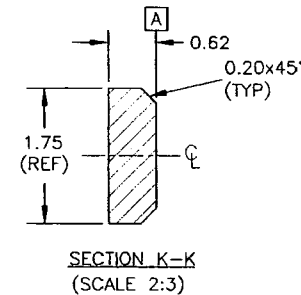
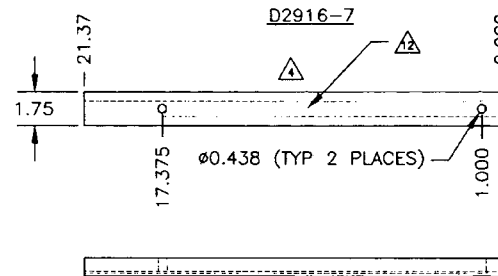
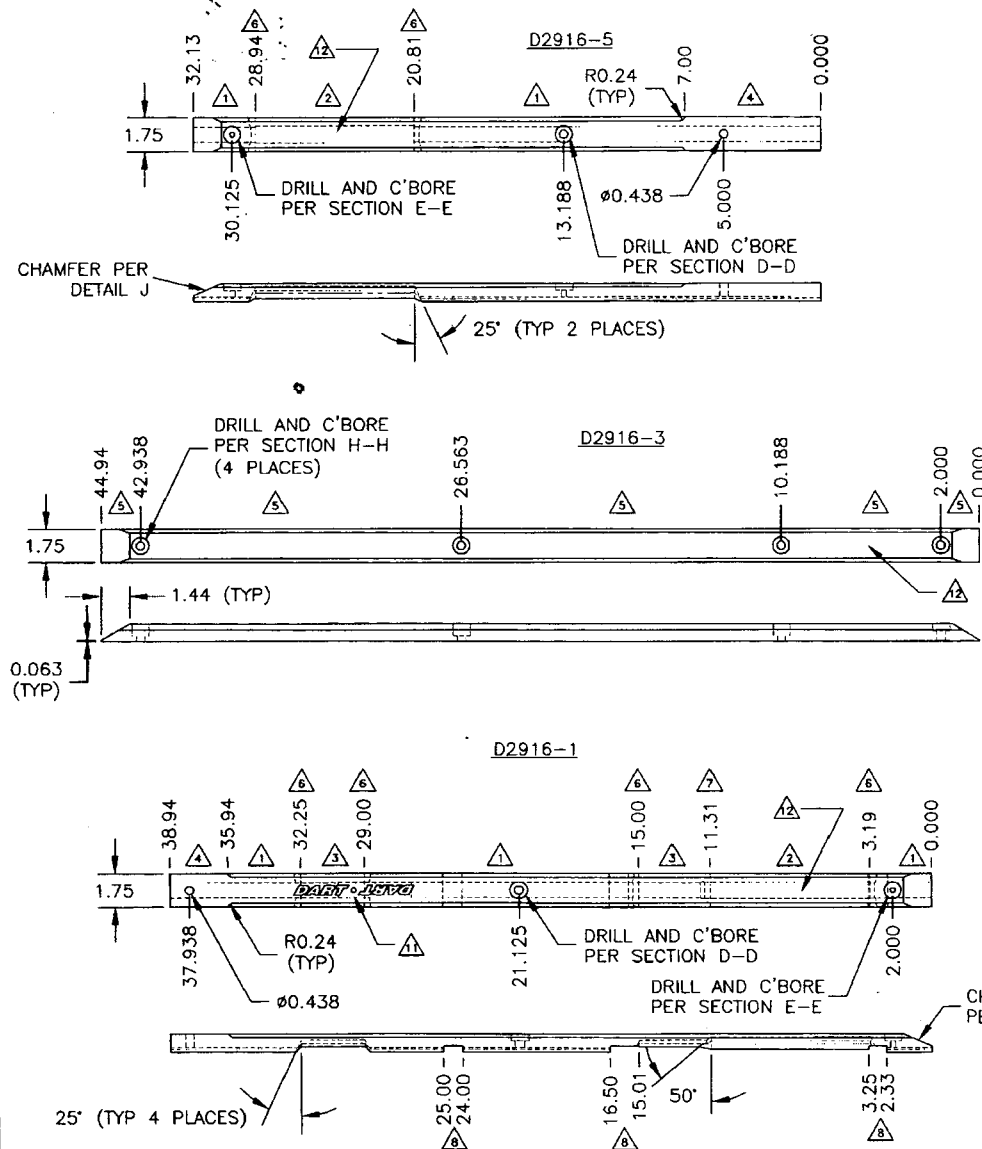
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who 7066y



#### NOTES:

- 1) MACHINE CONSTANT SECTION A-A
- 2) MACHINE CONSTANT SECTION B-B
- 3) MACHINE CONSTANT SECTION C-C
- 4) MACHINE CONSTANT SECTION F-F
- 5) MACHINE CONSTANT SECTION G-G
- 6) 25° ANGLE OF TRANSITION BETWEEN SECTIONS WITH MIN RADIUS OF 0.50
- 7) 50° ANGLE OF TRANSITION BETWEEN SECTIONS WITH MIN RADIUS OF 0.50
- 8) MACHINE SLOT PER SECTION K-K WITH 0.063 RADIUS OF TRANSITION BETWEEN SECTIONS
- 9) MATERIAL: UHMW BLACK PER SPEC CONTROL DWG D2689
- 10) BREAK ALL UNMARKED RADII 0.020 TO 0.040
- 11) ENGRAVE TWO DART LOGOS (OPPOSITE AS SHOWN) ON UPPER SIDE TO MAX DEPTH OF 0.015 AND MIN RADIUS OF 0.250.
- 12) ENGRAVE P/N ON LOWER SIDE TO MAX DEPTH OF 0.010 AND MIN RADIUS OF 0.010.
- 13) ALL HOLES DRILLED ON CENTERLINES
- 14) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 15) ALL DIMENSIONS ARE IN INCHES

RELEASED  
00.02.25 03

DESIGN	DRAWN BY	<b>DART</b> DART AEROSPACE LTD HARRISBURG, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D2916
DATE	TITLE	CABLE GUARD
00.02.24		REV. B SHEET 2 OF 2 SCALE 1:6

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